

20051105.ba v03\_n858.bam.20051105

>From ???@??? Fri Nov 4 19:35:34 2005 -0600  
Date: Sat, 5 Nov 2005 01:33:51 GMT  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 3858  
Message-Id: <20051105013352.01041408D9@srvr1.theporch.com>

### BOATANCHORS Digest 3858

Topics covered in this issue include:

- 1) Re: For God's Sake- Stop and Think  
by David Stinson <arc5@ix.netcom.com>
- 2) Re: Question about definitions of radio frequencies  
by "Arden Allen" <gumbear@pacbell.net>
- 3) Re: Question about definitions of radio frequencies  
by "Arden Allen" <gumbear@pacbell.net>
- 4) RE: For God's Sake- Stop and Think  
by "Bill Hawkins" <bill@iaxs.net>
- 5) RE: Question about definitions of radio frequencies  
by "AB Bonds" <ab@vuse.vanderbilt.edu>
- 6) Re: For God's Sake- Stop and Think  
by Richard Loken <richardlo@admin.athabascau.ca>
- 7) Re: Slinky Antennas  
by spr@earthlink.net
- 8) R-S speaker zip-cord @ RF  
by stuck in 50s <polepeeg@ba-watch.org>
- 9) Intro to tube military radio  
by Richard Pekelney <pekkelney@rspeng.com>
- 10) Re: [Boatanchors] Manual for Micronta (Radio Shack)Power/Modulation/SWR  
Tester  
by WA5CAB@cs.com
- 11) Help identify Russian antenna current meter  
by Richard Post <postr@ohiou.edu>
- 12) Re: Question about definitions of radio frequencies  
by Dennis Wade <sacramento.cyclist@gmail.com>
- 13) Re: RTTY flu  
by "Chris Bowne" <radiobwn@ricconnect.com>
- 14) Re: Slinky Antennas  
by "Tom Rauch" <w8ji@contesting.com>
- 15) Re: Intro to tube military radio  
by Chuck McGregor <cbmcg@comcast.net>
- 16) Drake TR-4C PTO Dial Problem  
by David Stinson <arc5@ix.netcom.com>
- 17) RE: For God's Sake- Stop and Think  
by Richard Loken <richardlo@admin.athabascau.ca>

- 18) Re: Slinky Antennas  
by spr@earthlink.net
- 19) Re: RTTY flu  
by Garey Barrell <k4oah@mindspring.com>
- 20) Re: RTTY flu  
by Richard Loken <richardlo@admin.athabascau.ca>
- 21) Hallicrafters HT-32A Power Output  
by W4UOC@aol.com

-----  
Date: Wed, 02 Nov 2005 05:42:40 -0600  
From: David Stinson <arc5@ix.netcom.com>  
Subject: Re: For God's Sake- Stop and Think  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Message-id: <4368A630.50109@ix.netcom.com>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii; format=flowed  
Content-transfer-encoding: 7bit

Arden Allen wrote:

>... Better yet, make up a bleeder resistor with two  
> leads. One end with a hefty alligator clip to connect to chassis, and other  
> end to connect to a well insulated test probe to use to discharge caps.  
> Then when done connect it across the power supply to keep residual charge  
> from getting to you if a bleeder is open....

Then, forget you have it connected and turn the juice back on:

B000000M!!!!

-----  
Message-ID: <001901c5dfa4\$2baa5160\$e6e47443@KB6NAX>  
From: "Arden Allen" <gumbear@pacbell.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Question about definitions of radio frequencies  
Date: Wed, 2 Nov 2005 03:54:19 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hank;

>.... The question needs to be phrased so that it is unambiguous to someone  
> verifying master's-level competency in a University oral. We need  
> to avoid over-prompting (such as "device for cooking") as well as to  
> be unambiguous in the context of radio astronomy. ....

Your initial posting said:

> I'm sitting here reviewing some possible test questions to be posed to  
> high school students, and have one that seems a bit ambiguous to me.  
> While there aren't any vacuum tubes (or other hardware) involved, it's  
> about things near and dear to hams and other folks who are involved  
> with radio frequencies. So I thought I'd toss it out to the list  
> exactly in the draft form it was given me for review.

Sorry, now I'm really confused.

Arden Allen  
KB6NAX

-----  
Message-ID: <002f01c5dfa4\$a7536c20\$e6e47443@KB6NAX>  
From: "Arden Allen" <gumbear@pacbell.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Question about definitions of radio frequencies  
Date: Wed, 2 Nov 2005 03:57:47 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> Then, forget you have it connected and turn the juice back on:  
>           B000000M!!!!

Better "boom" than "aaaarrrrrgghhhh...."

A

-----  
From: "Bill Hawkins" <bill@iaxs.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: For God's Sake- Stop and Think  
Date: Wed, 2 Nov 2005 08:29:29 -0600  
Message-ID: <000501c5dfb9\$d56f1d60\$0500a8c0@darius.domain.actdsltmp>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

David Stinson wrote,

"Then, forget you have it connected and turn the juice back on:

B000000M!!!!"

People that perform procedures that put lives at stake generally get into the habit of using checklists. With a checklist, you aren't likely to forget anything. You do have to remember to use the list, so that's why you make it a habit to use the list.

No pilot would take a plane into the air without using a checklist.

Bill Hawkins

-----  
Content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable  
Subject: RE: Question about definitions of radio frequencies  
Date: Wed, 2 Nov 2005 08:49:38 -0600  
Message-ID: <C2E12B15D2CA56409ED5354B2AA78B0D0221CBF1@eecsmail.eecs.local>  
From: "AB Bonds" <ab@vuse.vanderbilt.edu>  
To: Old Tube Radios <boatanchors@theporch.com>

> > That's the "know-it-all" effect. Hated because he/she=20  
> upsets apple carts by  
> > causing confusion with alternative correct answers....  
>=20  
> Or ANY correct answers. I went back to college for a year  
> amongst the "young heads full of mush" (to quote Rash Windbaugh).  
> It will make you despair of mankind's future.  
> Even raising your hand to ask a meaningful question  
> gets you hated. You're supposed to sit there and skate  
> to a "C" between parties. It's depressing.  
>=20  
Arrrrgh. Let's not go there.

I am currently prepping a lecture on phasors to be delivered to kids who =  
don't know how to take a slope, despite 800's on their math SATs. =  
Pearls before swine is too gentle.

I relish the BA list because it reflects people who actually know what =  
they are doing, rather than trying to fake it....

A. B. Bonds

-----  
Date: Wed, 02 Nov 2005 10:54:23 -0700 (MST)  
From: Richard Loken <richardlo@admin.athabascau.ca>

Subject: Re: For God's Sake- Stop and Think  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Message-id: <Pine.PMDF.3.95.1051102105223.541345540Q-100000@admin.athabascau.ca>  
MIME-version: 1.0  
Content-type: TEXT/PLAIN; charset=US-ASCII

On Tue, 1 Nov 2005, Arden Allen wrote:

> resistor destroy you. Better yet, make up a bleeder resistor with two  
> leads. One end with a hefty alligator clip to connect to chassis, and other  
> end to connect to a well insulated test probe to use to discharge caps.

Why don't we learn from the lads over at the RCA Broadcast Division and permanently attach a shorting pole on a cable to our lethal amplifiers.

--

Richard Loken VE6BSV, Systems Programmer - VMS	:	"Anybody can be a father
Athabasca University	:	but you have to earn
Athabasca, Alberta Canada	:	the title of 'daddy'"
** richardlo@admin.athabascau.ca **	:	- Lynn Johnston

-----  
Message-ID: <4064932.1130955151831.JavaMail.root@elwamui-wigeon.atl.sa.earthlink.net>  
Date: Wed, 2 Nov 2005 10:12:31 -0800 (GMT-08:00)  
From: spr@earthlink.net  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Slinky Antennas  
Cc: boatanchors@theporch.com  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Tom,

Not really. Read in ARRL about helically wound antennas, such as the short car radio antenna on my VW Passat. It's one way to get a better result with a less than full dipole sized antenna.

Regards,

Scott

Tom wrote:

>  
> >a slinky in the attic (50 ft long attic in a town house  
in

> >Montecello NY).

As for the antenna, same thing there. Unless someone actually cuts the antenna for resonance the fact is a mess of wire in a coil really isn't a significant advantage. Even 500 feet of wire jammed in a 50 foot box is still just a 50 foot long antenna.

73 Tom

-----  
Date: Wed, 2 Nov 2005 13:17:02 -0500 (EST)  
From: stuck in 50s <polepeeg@ba-watch.org>  
Message-Id: <200511021817.jA2IH2E4019403@fracas.netboobie.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: w2cqh@asti.net  
Subject: R-S speaker zip-cord @ RF

Ok, tried 40' of this 278-0008 clear-plastic on noise bridge

Procedure is take a non-inductive\* pot & set it for about 80 ohms.  
Put it on end of line & check R & X at bridge. F'rinstance at 4mhz

If there's reactance (X), move to perhaps 90 ohms & see if that's a cure.

This cable went 0-X at 110 ohms. Both at 4 and 10mhz indicating dielectric loss about zip 80-30m.

Simple tools, good physics.

This report probably right

But what good's 110 ohm balanced transmission line?

'rm

\*1st tried w. 400 ohm w-w Dumont jurassic TV focus pot. Inductive feller & cudn't null. 2W AB carbon jobbie did trick thereafter.

-----  
Mime-Version: 1.0  
Message-Id: <p06230900bf8edaa28474@[192.168.26.4]>  
Date: Wed, 2 Nov 2005 13:19:47 -0800  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Richard Pekelney <pekelney@rspeng.com>

Subject: Intro to tube military radio

Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Folks,

On the Historic Naval Ships Association web site I have put up some ca. WW II radar and sonar manuals.

(<http://www.hnsa.org/doc/index.htm>) These two were nice because they had introduction sections that explained the principle of operation for this tube era equipment, followed by the specifics on typical equipment.

I now want to put up a manual that provides the same kind of service for radio equipment. I have a candidate manual that is titled "Introduction to Radio Equipment", 1946, NAVPERS 10172. This book is 2/3rds basic electronics, radio and tube introduction and 1/3rd specifics on Naval radio transmitters and receivers.

My questions to the group are:

1- Do you know of any good introductions to electronics of the WW II or generally tube era on the web? If this already exists I do not want to duplicate it.

2- Do you have or know of a better candidate manual?

Scanning, OCR and formatting for the web is very time consuming so I will probably only be doing one on naval radio. If we find a great manual the hope is we can spark some excitement for boat anchors by its readers.

rich

-----  
From: WA5CAB@cs.com

Message-ID: <1a4.4330647f.309ada0d@cs.com>

Date: Wed, 2 Nov 2005 22:12:13 EST

Subject: Re: [Boatanchors] Manual for Micronta (Radio Shack) Power/Modulation/SWR Tester

To: Old Tube Radios <boatanchors@theporch.com>

MIME-Version: 1.0

Content-Type: multipart/alternative;

boundary="part1\_1a4.4330647f.309ada0d\_boundary"

--part1\_1a4.4330647f.309ada0d\_boundary

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

OM,

I don't have a parts set, only one good unit (not for sale) and the manual. But I can tell you from the manual that the Modulation meter is 50 uADC FS. The other two are 150 uADC FS.

In a message dated 11/2/2005 8:13:19 PM Central Standard Time, n5tde@earthlink.net writes:

> Looking for a meter for the same SWR/power tester. RS quit making this  
> device or carrying it. I liked its style of use and am looking for a meter  
> to replace, looks like a panel meter 50 Uamps or so. easy to remove if you  
> have a burned out circuit board, I'd like the meter. N5TDE@gardcircuits.com  
> ----- Original Message -----  
> From: <WA5CAB@cs.com>  
> To: <boatanchors@mailman.qth.net>; <boatanchors@theporch.com>  
> Sent: Friday, October 28, 2005 11:45 PM  
> Subject: [Boatanchors] Manual for Micronta (Radio Shack)Power/Modulation/SWR  
> Tester

73

Robert Downs - Houston  
<<http://www.wa5cab.com>> (Web Store)  
MVPA 9480  
<wa5cab@cs.com> (Primary email)  
<wa5cab@houston.rr.com> (Backup email)

--part1\_1a4.4330647f.309ada0d\_boundary  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

--part1\_1a4.4330647f.309ada0d\_boundary--

-----  
Mime-Version: 1.0  
Message-Id: <p05210602bf8f377c7a5b@[192.168.1.100]>  
Date: Wed, 2 Nov 2005 22:45:45 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Richard Post <postr@ohiou.edu>



Subject: Help identify Russian antenna current meter  
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Anyone know what radio(s) this Russian antenna current meter was used with? . Pix at:

<<http://oak.cats.ohiou.edu/~postr/bapix/RusEqAnt.htm>>

73,

Rich KB8TAD

[www.qsl.net/kb8tad](http://www.qsl.net/kb8tad)

-----  
Message-ID: <d13941db0511022127r7b8a0e89rb4e6ab57a979c742@mail.gmail.com>  
Date: Wed, 2 Nov 2005 21:27:08 -0800  
From: Dennis Wade <sacramento.cyclist@gmail.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Question about definitions of radio frequencies  
Cc: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: quoted-printable  
Content-Disposition: inline

I don't particularly like the question either. If the reference to radio astronomy must be kept, and if we're dealing with master's level university students (I think)...I'd head off in this direction...

Ask the question in terms of physics which might get them to focus on a physics definition. For example, maybe ask "...a non-ionizing radiation of a wavelength longer than infrared..."

See <http://www.britannica.com/ebi/article-207067> for an example of a physics definition of microwaves.

My theory is if their approach is through physics and not, for example RF engineering this might prove to be a less ambiguous path.

It would help to know what field the master's level competency is being verified.

Yeah, I know..its a longshot...

Dennis

On 11/1/05, Henry van Cleef <vancleef@eskimo.com> wrote:

> The esteemed Tom Rauch has said:

> >

> > > I don't like that. I'd say something other than "Very

> > High

> > > Frequency", which implies VHF.

> > >

> > > But YOU, Tom, are not a near functionally illiterate high  
> > school student.

> > > If it's not semantics it's a word association game. Sorta  
> > like the way we

> > > learn things.

> >

> Nor, for that matter, are the people who will be answering these  
> questions.

>

> The question needs to be phrased so that it is unambiguous to someone  
> verifying master's-level competency in a University oral. We need  
> to avoid over-prompting (such as "device for cooking") as well as to  
> be unambiguous in the context of radio astronomy.

> >

> > It would be a shame if, through some miracle, a student came  
> > along who knew what VHF was and he missed the question.

> > Maybe I'm a dreamer.

> > ;-)

> >

> I expect, in the group involved, about half will know what "VHF" is,  
> at least in reference to 6/2 meter amateur radio, aircraft NAV/COM,  
> and the VHF television low/high bands. We do not want answers drawn  
> from that knowledge base alone.

>

> Hank

>

> --

> Hank van Cleef (vancleef@eskimo.com, hvanclee@nyx.net)

> 1986 420SEL "A stranger in paradise" (Fremont Co. Wyoming)

> 1986 GMC 1500 6.2 diesel pickup "Seen one, seen them all"

>

>

--

Dennis L. Wade

KG6ZI

Carmichael, CA

-----

Date: Thu, 3 Nov 2005 23:31:38 -0500  
Message-Id: <200511032331.AA2658402492@ricconnect.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
From: "Chris Bowne" <radiobwn@ricconnect.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: <boatanchors@theporch.com>  
Subject: Re: RTTY flu

>You know anyone that has a 28ASR or a MITE lying around?

>

>73,

>Steve, KL7JT

>

>

Dunno myself, but will put out the word on the Boatanchor list...I remember when one of our plant monitoring data acquisition systems was controlled by a PDP-11 with a 28ASR I/O terminal...

73, Chris, AJ1G  
Stonington, CT

-----  
Message-ID: <003401c5e14c\$084daec0\$6401a8c0@akorn.net>  
From: "Tom Rauch" <w8ji@contesting.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: <boatanchors@theporch.com>  
Subject: Re: Slinky Antennas  
Date: Fri, 4 Nov 2005 09:28:31 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> Not really. Read in ARRL about helically wound antennas, such as the short car radio antenna on my VW Passat. It's one way to get a better result with a less than full dipole sized antenna.

Hi Scott,

Speaking of this mode only below, not an axial mode helice (which would be a large portion of a wavelength diameter).

The radiation (and reception) ability of a simple short antenna is set by the ampere-feet of linear spatial area from end-to-end, not by how much wire we pack in a one foot area. In plain words 500 feet of wire wound in a ten foot length is just a ten foot antenna. We simply add increased distributed inductance and loss resistance by coiling the antenna.

The only thing really gained by using the helical winding is the feedpoint reactance change. A helically loaded antenna is actually nothing but an antenna with a distributed loading coil. Unless we make an effort to pick or through dumb luck happen to pick a length and turns combination that reduces feedpoint reactance (matching the feedpoint better) we don't gain anything.

It's a lot like throwing a dozen coils in series with an RF circuit. When we pay no attention at all to the coil reactance, we might get lucky and make things closer to resonance. On the other hand we might add far too much reactance and make an unintentional choke and hurt performance.

That's why I suggested it would be much better to measure the feedpoint and adjust the number of turns in the antenna so the antenna is resonant or near resonance. More wire packed in the same volume of space isn't necessarily better, and can actually be worse.

73 Tom

-----  
Message-Id: <6.2.1.2.0.20051104074230.03648268@mail.comcast.net>  
Date: Fri, 04 Nov 2005 07:43:05 -0800  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Chuck McGregor <cbmcg@comcast.net>  
Subject: Re: Intro to tube military radio  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed; x-avg-checked=avg-ok-2876F9F

At 01:19 PM 11/2/2005, Richard Pekelney wrote:

>1- Do you know of any good introductions to electronics of the WW II or  
>generally tube era on the web? If this already exist I do not want to  
>duplicate it.

>2- Do you have or know of a better candidate manual?

Rich-

I would nominate AF Manual 100-5, "Radio Receivers" December 1956. It is a good introduction to pre-SSB communications receivers as used during WWII. (It uses BC-348 and BC-779 as examples). I have a clean, high-resolution scan of this manual, but it's big ( 93MB, .pdf) but I don't have a suitable place to host it for downloads.

BTW - I am seeking panadaptor documentation from the 1940-1950 era. Please see my web site. <http://home.comcast.net/~cbmcg/Panadaptors.html>

73,  
Chuck N7RHU

--

No virus found in this outgoing message.

Checked by AVG Anti-Virus.

Version: 7.1.362 / Virus Database: 267.12.8/161 - Release Date: 11/3/2005

-----  
Date: Fri, 04 Nov 2005 09:46:06 -0600  
From: David Stinson <arc5@ix.netcom.com>  
Subject: Drake TR-4C PTO Dial Problem  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-id: <436B823E.3060007@ix.netcom.com>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii; format=flowed  
Content-transfer-encoding: 7bit

The Drake TR-4C has an odd, double-dial frequency display thingy that's a confusing mish-mash of interlocking gears. I have one that's completely hosed-up and locked up. Does anyone know the correct procedure for resetting this gear train properly? Thanks.

Dave S.

-----  
Date: Fri, 04 Nov 2005 10:50:28 -0700 (MST)  
From: Richard Loken <richardlo@admin.athabascau.ca>  
Subject: RE: For God's Sake- Stop and Think  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Message-id: <Pine.PMDF.3.95.1051104104909.541345540X-1000000@admin.athabascau.ca>  
MIME-version: 1.0  
Content-type: TEXT/PLAIN; charset=US-ASCII

On Wed, 2 Nov 2005, Bill Hawkins wrote:

> David Stinson wrote,  
>  
> "Then, forget you have it connected and turn the juice back on:  
>  
> B000000M!!!!"

> People that perform procedures that put lives at stake generally  
> get into the habit of using checklists. With a checklist, you

Now you tell me! Where were you when I maintained broadcast transmitters for a living?

--

Richard Loken VE6BSV, Systems Programmer - VMS : "Anybody can be a father  
Athabasca University : but you have to earn  
Athabasca, Alberta Canada : the title of 'daddy'"  
\*\* richardlo@admin.athabascau.ca \*\* : - Lynn Johnston

-----  
Message-ID: <30354572.1131128970639.JavaMail.root@elwamui-rustique.atl.sa.earthlink.net>  
Date: Fri, 4 Nov 2005 10:29:30 -0800 (GMT-08:00)  
From: spr@earthlink.net  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Slinky Antennas  
Cc: boatanchors@theporch.com  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

And now Scott replies to Tom's reasoned argument (see below)

Tom,

I absolutely agree with you. I only wished to contradict the notion that the helical nature of the slinky had \*no\* effect. It's certainly correct that the right number of turns and correct pitch is key.

Regards,

Scott

Scott originally wrote:

> Not really. Read in ARRL about helically wound antennas, such as the short car radio antenna on my VW Passat. It's one way to get a better result with a less than full dipole

sized antenna.

Hi Scott,

Speaking of this mode only below, not an axial mode helice (which would be a large portion of a wavelength diameter).

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That's why I suggested it would be much better to measure the feedpoint and adjust the number of turns in the antenna so the antenna is resonant or near resonance. More wire packed in the same volume of space isn't necessarily better, and can actually be worse.

73 Tom

-----  
Message-ID: <436BC1DC.80907@mindspring.com>  
Date: Fri, 04 Nov 2005 15:17:32 -0500  
From: Garey Barrell <k4oah@mindspring.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: RTTY flu  
Content-Type: text/plain; charset=ISO-8859-1; format=flowed  
Content-Transfer-Encoding: 7bit

I just took my ASR to the dump last month. Like to have killed me, but I got tired of looking at it in the garage. I sure was excited to get it in about 1964.....

73, Garey - K40AH  
Atlanta

Drake C-Line Service Manual  
<<http://www.k4oah.com>>

Chris Bowne wrote:

>>You know anyone that has a 28ASR or a MITE lying around?

>>

>>73,

>>Steve, KL7JT

>>

>>

>>

>>

>Dunno myself, but will put out the word on the Boatanchor list...I remember when one of our plant monitoring data acquisition systems was controlled by a PDP-11 with a 28ASR I/O terminal...

>

>73, Chris, AJ1G

> Stonington, CT

>

>

>

-----  
Date: Fri, 04 Nov 2005 13:33:26 -0700 (MST)

From: Richard Loken <[richardlo@admin.athabascau.ca](mailto:richardlo@admin.athabascau.ca)>

Subject: Re: RTTY flu

To: Old Tube Radios <[boatanchors@theporch.com](mailto:boatanchors@theporch.com)>

Message-id: <Pine.PMDF.3.95.1051104133002.541345540Z-1000000@admin.athabascau.ca>

MIME-version: 1.0

Content-type: TEXT/PLAIN; charset=US-ASCII

On Thu, 3 Nov 2005, Chris Bowne wrote:

> >You know anyone that has a 28ASR or a MITE lying around?

I have a Model 28ASR and all the manuals. The 28 is in my angry wife's basement and I leave it there just to piss her off but I could bring it home



if it could provide entertainment in another way...

She also host a 28R0 and a Conn organ and all three annoy her no end.

--

Richard Loken VE6BSV, Systems Programmer - VMS	:	"Anybody can be a father
Athabasca University	:	but you have to earn
Athabasca, Alberta Canada	:	the title of 'daddy'"
** richardlo@admin.athabascau.ca **	:	- Lynn Johnston

-----  
From: W4UOC@aol.com  
Message-ID: <104.6ce50d95.309d239f@aol.com>  
Date: Fri, 4 Nov 2005 15:50:39 EST  
Subject: Hallicrafters HT-32A Power Output  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="-----1131137439"

-----1131137439  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I have a question.... I have the HT-32A and SX-101A back on the air but have a strange problem with the HT-32A. When I turn it on it takes several mins (at least 5-8) for the transmitter to come up to full power. Once it does get up to about 80-100 watts on CW it seems to work fine and stays that way over a relatively long period of time. I do also note sometimes that if I hold the key for 20-30 seconds the power fluctuates a little maybe just a few watts.

All voltages and resistance checks are OK. Bias is -49vdc screen voltage is 208 as expected and the Plate is about 800 vdc.

I question the coupling cap between the driver and the final which is supposed to be 100 mmf. but it seems ok too....

It appears that something is heating up when I first turn on the rig and when it reaches some temperature it seems to work fine. Sometimes with the CW carrier it comes up to about 50 watts output and then creeps up to 75-85 watts output.

Any ideas ? Ya wanna be my Hallicrafters Elmer!

Tom Koch - W4UOC

-----1131137439  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

\* \* \* \* \*  
\* ---REMAINDER OF MESSAGE TRUNCATED--- \*  
\* This post contains a forbidden message format \*  
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\* is not set to send PLAIN TEXT ONLY and needs adjusting \*  
\* \* \* \* \*

-----1131137439--

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End of BOATANCHORS Digest 3858  
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